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(54) Title: **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH PEROXISOME PROLIFERATIVE ACTIVATED RECEPTOR ALPHA (PPARA)**

(57) Abstract: The invention provides a human PPARA which is associated with the cardiovascular diseases, gastroenterological diseases, cancer, inflammation, hematological diseases, respiratory diseases, neurological diseases and urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, gastroenterological diseases, cancer, inflammation, hematological diseases, respiratory diseases, neurological diseases and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of PPARA as well as pharmaceutical compositions comprising such compounds.

WO 2005/093423 A2